

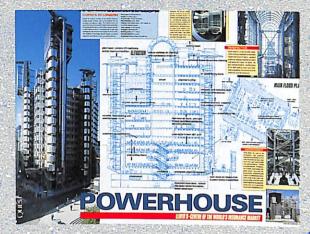
# INSIDE THIS PACK

# **FACT FILES**

- ▶ Animal societies ▶ Population
- ▶ Transport ▶ City pests
- ▶ Power to the people
- ▶ The waste cycle
- ▶ Buildings for the future



MODEL Illuminated New York skyline



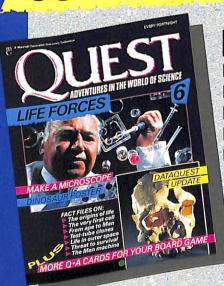
# **POSTER**

Powerhouse – Lloyd's of London's spectacular building

# **PROJECTS**

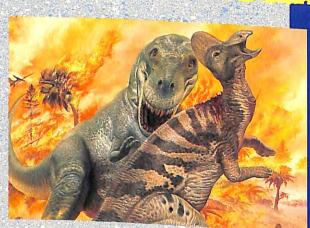
- Pollution check
- Observing ant behaviour
- Make a dome

# COMING IN QUEST 6 LIFE FORCES



# **FACT FILES INCLUDE**

- ▶ Test-tube clones
- ▶ The evolution of Man
- ▶ Living in space ▶ Robots
- ▶ Primitive life forms
- ► Threatened species



POSTER Dinosaurs

PLUS

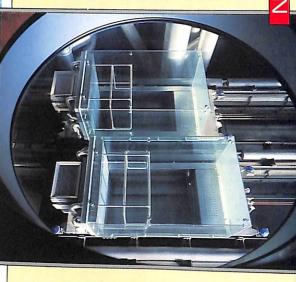
PataQuest update



In-Quest question and answer cards

CONSTRUCTION

rupted work areas. High-speed lifts serve the upper floors, and escalators the lower ones. Forty per cent of the building is covered by glass, 30 per cent comprises the service towers, and the remaining 30 per cent consists of external ducting. To ice areas to the exterior of the building allows for large unintersatellite towers. Moving the serveven the toilets are attached to minimize wasted space, the lifts, outside of the building in six conditioning systems and



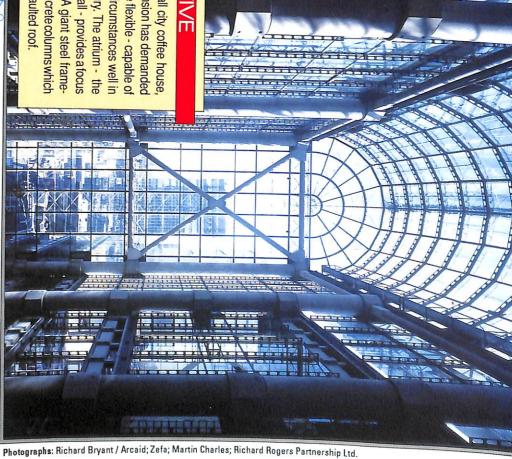
# PERSPECTIVE

cooling tower

ralkway for cleaning

Lloyd's began in a small city coffee house, and its continued expansion has demanded a building that would be flexible - capable of adapting to changing circumstances well in to the twenty-first century. The atrium - the work is supported by concrete columns which extend right up to the vaulted roof. glass-covered central hall - provides a focus for the whole building. A giant steel frame-

Mopu



nain entranc

atrium

chairman's office

air condition

ning ducts

MAIN FLOOR PLAN

triple - layer solar glass

service tower

high level air ducts, with light fittings, sprinklers and smoke detectors attached

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END O

concrete structure, sup

stairwell, with stain! walls for fire protect

inless steel

was salvaged from an eighteenth-century ship. This is rung every time a Lloyd's insured ship sinks. computer terminals, TV monitors, and a highly sophisticated tele-Three floors are used by the underwriters, who guarantee struction is the Lutine Bell, which has its own 'pod' which controls heat, light and fresh air. Despite potential insurance losses. Other phone system, loors are rented out. Each desk At the centre of the hi-tech conprokers can still meet face to face. nent is crucial - underwriters and the human eleguarantee

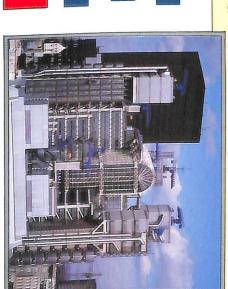
GROW OF PORT

underwriter's

desk with 'pod'

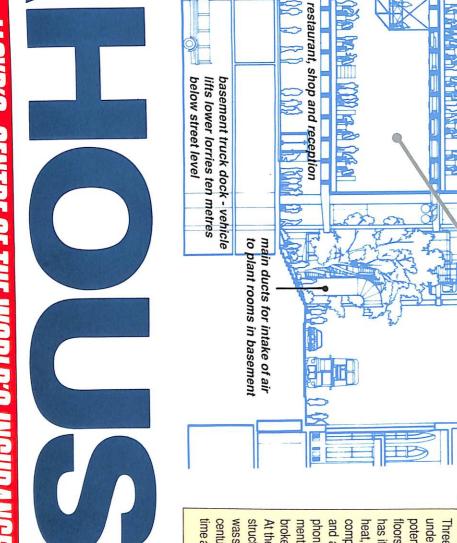
service tower

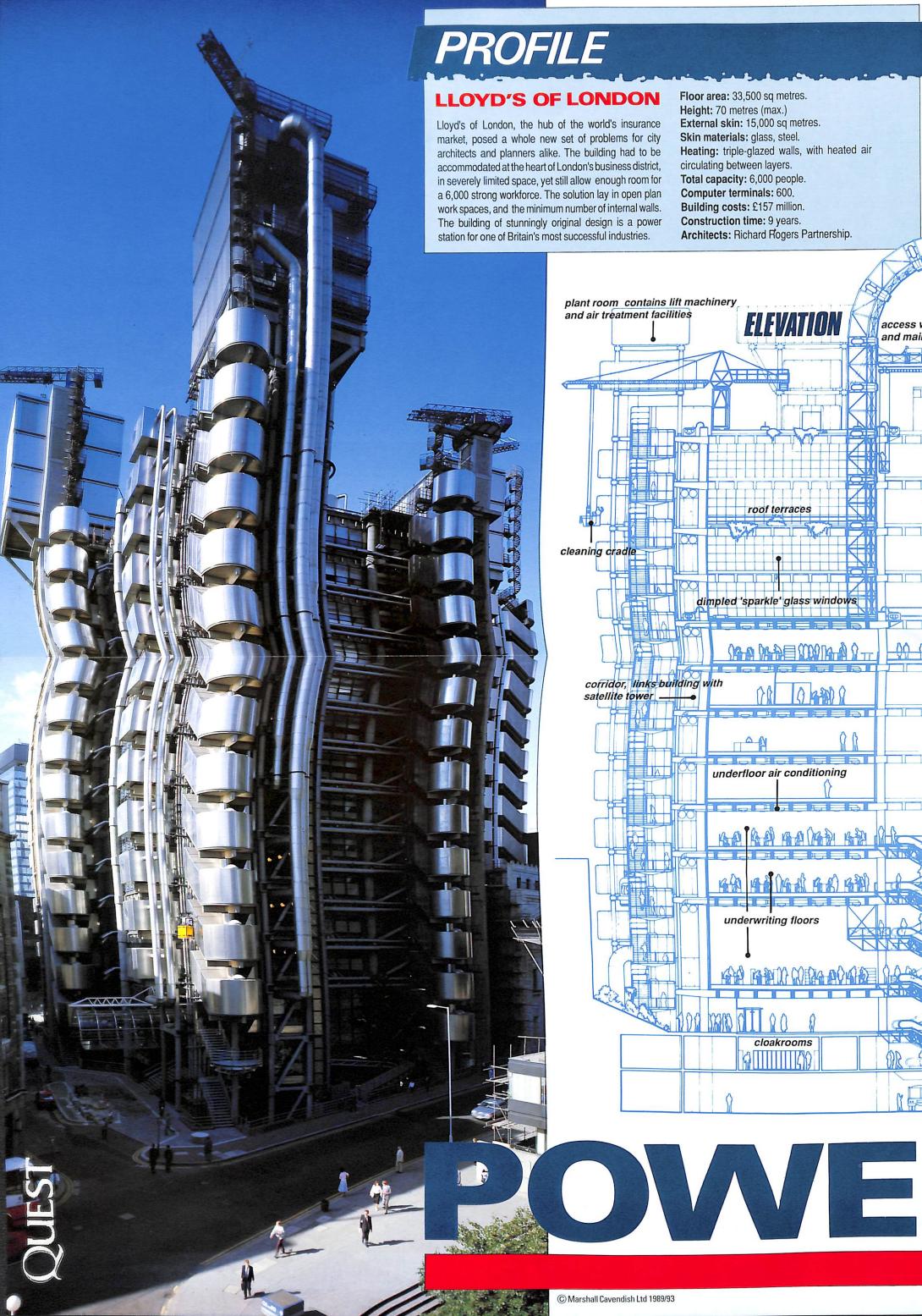
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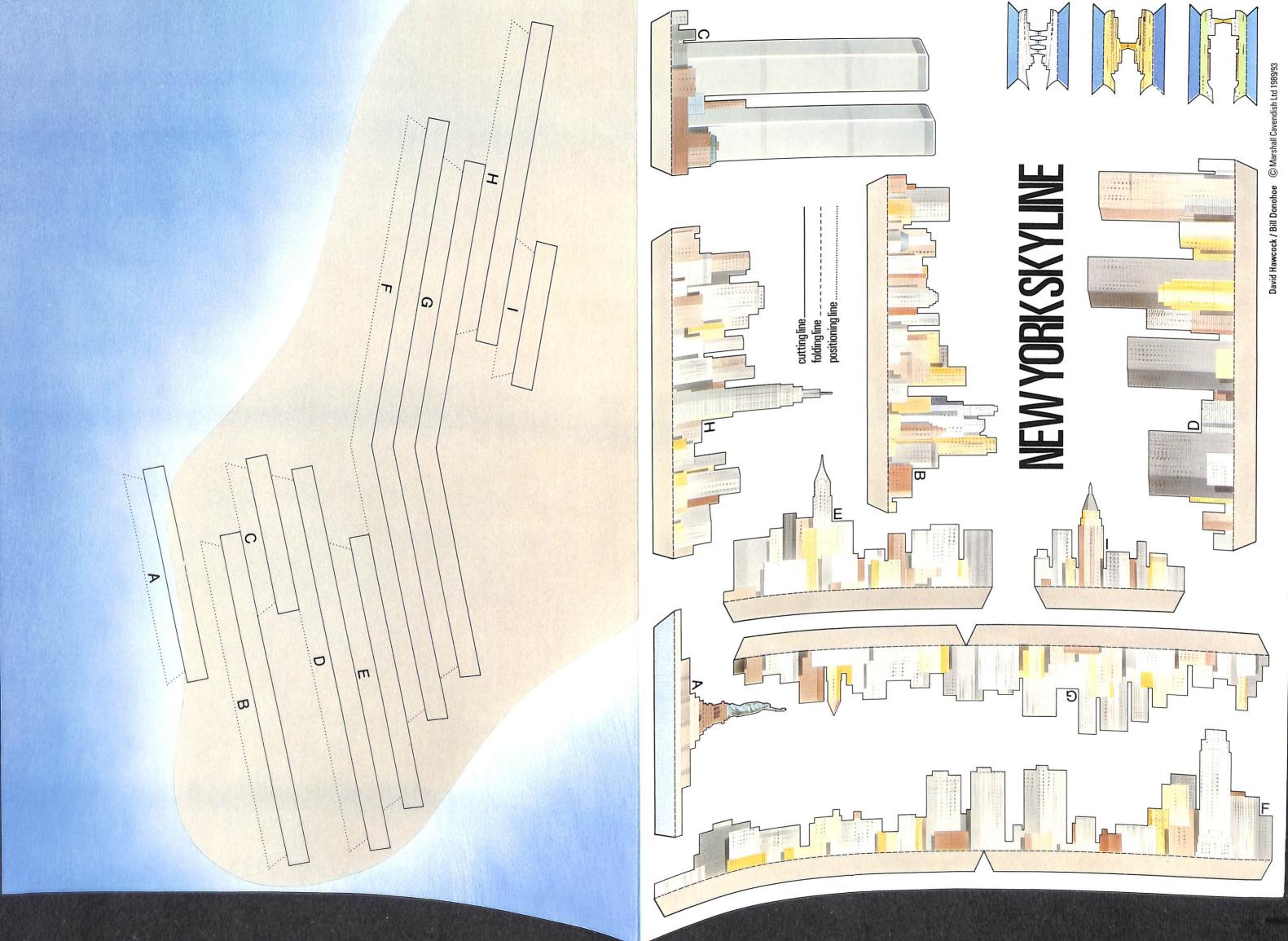


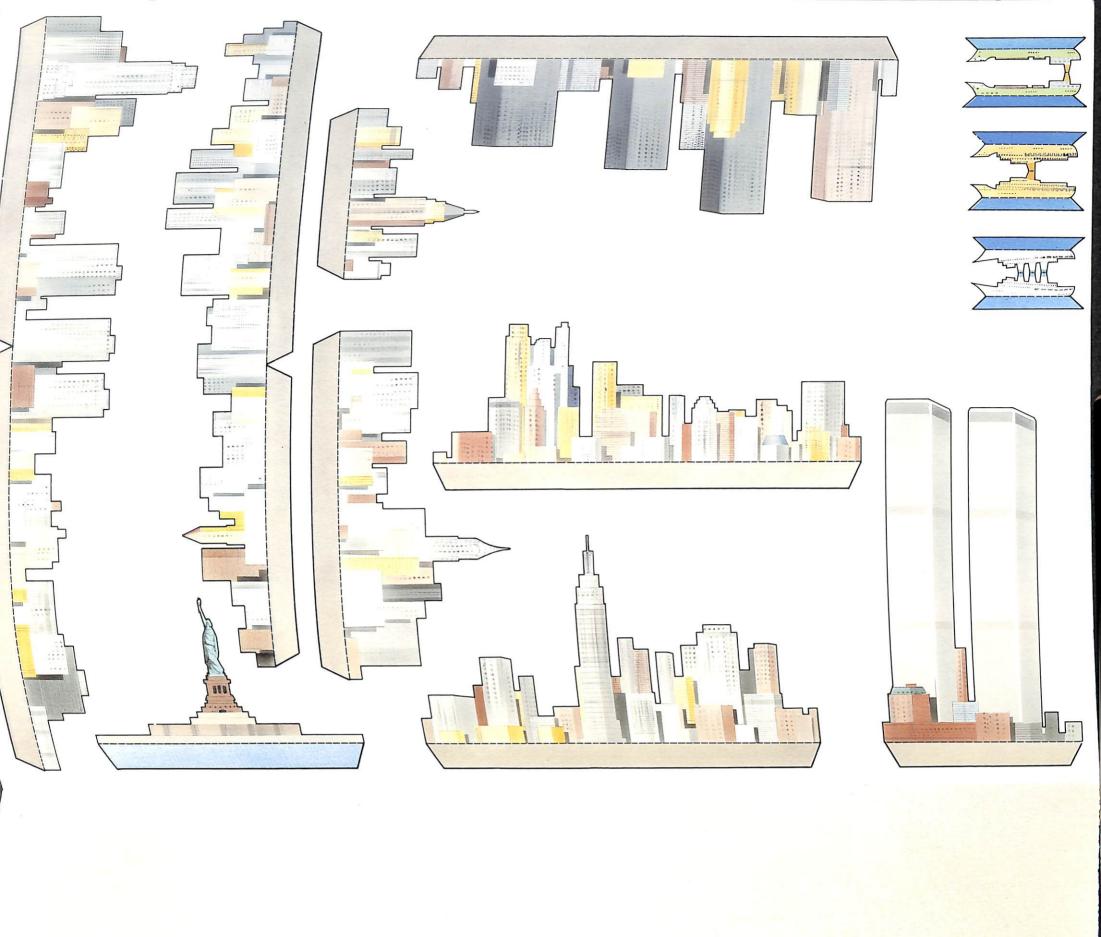
LLOYD'S-CENTRE OF THE WORLD'S INSURA

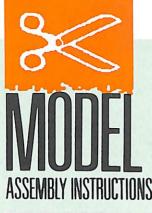
support main structure pre - cast concrete columns











# **NEW YORK SKYLINE**

## You will need

Scissors • Ruler • Craft knife • Glue

Before cutting out the pieces, score along all broken lines with a blunt edge and ruler to make folding and gluing easier. Use dotted lines as a guide for positioning the pieces and check the ASSEMBLY DIAGRAM before gluing.

**NB** Younger children will need supervision when using a craft knife.

## Base

1 Cut off the base area as indicated on the separate sheet of card.

2 Cut out the rectangular areas indicated by solid cutting lines, using a craft knife and ruler.

# Skyline

1 Cut out each group of buildings, and fold tabs under.

2 Starting with building group I, apply glue to the underside edge of the tab, and press into position on the corresponding area I on the base (see ASSEMBLY DIAGRAM).

3 Working your way forward towards the front of the base, glue each group of buildings into their corresponding position.

## To finish

1 Cut out the three vessels.

2 Glue each one back to back and fold tabs under.

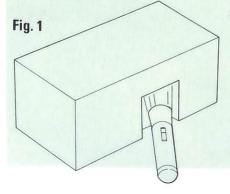
3 Apply glue to underside edges of the tabs and stick each vessel into the harbour area.

### Illumination

1 Take an open shoe box and cut a hole, large enough to shine a torch through, on one of the long edges (see Fig. 1).

2 Place the skyline and base on top of the box so that the hole is at the back.

3 To illuminate the skyline, shine a torch through the hole.





**Key to buildings** 

A The Statue of Liberty – unveiled in 1885, statue and base stand 100 metres high.

**B** Wall Street area – New York's financial district.

C World Trade Centre – the twin towers are 397 metres high.

D Pan-Am Building – stands 60 storeys high with a heliport on its flat roof.

E Chrysler Building - completed in

1930, it stands 320 metres high and is built in Art Deco style.

F Lower Broadway, New York's theatreland.

**G** Greenwich Village, the Bohemian quarter.

**H** Empire State Building – completed in 1931, it stands 102 storeys high.

I Woolworth Building – completed in 1912, it is one of the oldest skyscrapers in New York. It stands 60 storeys high.

